				FORI	_							
APPLI	CATION FOR P	ERMIT TO DRILL	L				1. WELL NAME and Ut	NUMBER te Tribal 13-18-4-2				
2. TYPE OF WORK  DRILL NEW WELL	REENTER P&A	WELL DEEPE	N WELL				3. FIELD OR WILDCAT UNDESIGNATED					
4. TYPE OF WELL Oil We	ll Coalbed	Methane Well: NO					5. UNIT or COMMUN	NITIZATION AGRE	MENT NAME			
6. NAME OF OPERATOR	WFIELD PRODUCT	ION COMPANY					7. OPERATOR PHON	<b>VE</b> 435 646-4825				
8. ADDRESS OF OPERATOR	: 3 Box 3630 , Myt	on, UT, 84052					9. OPERATOR E-MA mc	<b>IL</b> rozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		1. MINERAL OWNE		) crare (1	=>/	_	12. SURFACE OWNE		a(a)			
20G0005609 13. NAME OF SURFACE OWNER (if box 12		FEDERAL() IND	DIAN 🗓	STATE (	FEE(		FEDERAL INC	DIAN ( STATE (	~ ~			
15. ADDRESS OF SURFACE OWNER (if box	Todd and Cami	lle Moon					16. SURFACE OWNE		-			
	ite 3 Box 3622, My		******				19. SLANT	IN E PIAZE (II BOX 2	.2 – 100 )			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		.8. INTEND TO COM	IONS			_			@			
		YES ( Submit C	Comming	ling Applicat	ion) NO 🛚		VERTICAL 📵 DIR	ECTIONAL ( H	ORIZONTAL (			
20. LOCATION OF WELL	FOO'	TAGES	QT	R-QTR	SECTI	ON	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	748 FSL	L 638 FWL SWSW 18			4.0 S	2.0 W	U					
Top of Uppermost Producing Zone	748 FSL	L 638 FWL SWSW 18			4.0 S	2.0 W	U					
At Total Depth		L 638 FWL SWSW 18			4.0 S	2.0 W	U					
21. COUNTY  DUCHESNE	2	22. DISTANCE TO NEAREST LEASE LINE (Feet) 638 23. NUMBER OF ACRES IN DRILLING UNIT 40						JNIT				
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)  1302					<b>26. PROPOSED DEPTH</b> MD: 7470 TVD: 7470					
27. ELEVATION - GROUND LEVEL 5540	2	8. BOND NUMBER	RLB00	10462			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478					
	'	A	ТТАСН	MENTS								
VERIFY THE FOLLOWING	ARE ATTACHE	D IN ACCORDAN	CE WI	TH THE UT	TAH OIL A	AND G	AS CONSERVATION	ON GENERAL RU	ILES			
WELL PLAT OR MAP PREPARED BY	LICENSED SURV	EYOR OR ENGINEE	R	<b>№</b> сом	IPLETE DRI	LLING	PLAN					
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGREEM	MENT (IF FEE SURF	ACE)	FORM	4 5. IF ОРЕ	RATOR	IS OTHER THAN TH	HE LEASE OWNER				
DIRECTIONAL SURVEY PLAN (IF DI	RECTIONALLY O	R HORIZONTALLY		<b>№</b> торо	OGRAPHIC/	AL MAP						
NAME Mandie Crozier		TITLE Regulatory	Tech			PHON	<b>E</b> 435 646-4825					
SIGNATURE		<b>DATE</b> 06/04/2010				EMAIL	_ mcrozier@newfield.	com				
<b>API NUMBER ASSIGNED</b> 43013503920000		APPROVAL				Pe	DOGULLA TIME TIME TIME TIME TIME TIME TIME TIME					

API Well No: 43013503920000 Received: 6/4/2010

	Proposed Hole, Casing, and Cement						
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)			
Prod	7.875	5.5	0	7470			
Pipe	Grade	Length	Weight				
	Grade J-55 LT&C	7470	15.5				

API Well No: 43013503920000 Received: 6/4/2010

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Surf	12.25	8.625	0	300			
Pipe	Grade	Length	Weight				
	Grade J-55 ST&C	300	24.0				
					П		

#### NEWFIELD EXPLORATION COMPANY T4S, R2W, U.S.B.&M. S89'58'E - 79.94 (G.L.O.) WELL LOCATION, 13-18-4-2, LOCATED N88°40'39"E - 2670.13' (Meas.) N89:39'15"E - 2615,42' (Meas.) AS SHOWN IN THE SW 1/4 SW 1/4 Set Stone Set Stone (LOT 4) OF SECTION 18, T4S, R2W, Aluminum U.S.B.&M. DUCHESNE COUNTY, UTAH. Lot 1 WELL LOCATION: NOO-33'17"W BAR SCALE (G.L.O.) 13-18-4-2 Lot 2 ELEV. UNGRADED GROUND = 5539.8' 80.04 N00.02'E Set Stone Lot 3 THIS IS TO CERTIFY THATO PREPARED FROM FIELD OF A MADE BY ME OR UNDER ANY SUPPRIOR THE SAME ARE TRUE AND CORRECT OF MY KNOWLEDGE AND BELING. 18937 DRILLING WNDOW .00,48"W 638 2003 Lot 4 Alum. Rock Pile N88°56'56"E (Basis of Bearings) N89°11'16"E - 2627.09' (Meas.) TRI STATE LAND SURVEYING & CONSULTING EAST - 80.06 (G.L.O.) 2647.84' (Measured) 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 = SECTION CORNERS LOCATED (435) 781-250113-18-4-2 DATE SURVEYED: SURVEYED BY: D.G. BASIS OF ELEV; Elevations are base on (Surface Location) NAD 83 3-24-10 LOCATION: an N.G.S. OPUS Correction. LATITUDE = 40°07'46.92"DATE DRAWN: DRAWN BY: M.W. LAT. 40°04'09.56" LONG. 110°00'43.28" 3 - 26 - 10LONGITUDE = 110° 09' 33.87" REVISED: (Tristate Aluminum Cap) Elev. 5281.57' SCALE: 1" = 1000'

# MEMORANDUM of EASEMENT, RIGHT-OF-WAY and SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between **Todd and Camille Moon, whose address is Route 3 Box 3622, Myton, Utah 84052** ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 3 West
Section 23: E½; SESW
Township 4 South, Range 2 West
Section 7: NWNE; NENW; NWNW
Section 18: SWSW; SESW; SWSE; E1/2E1/2

**Duchesne County, Utah** 

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

#### 1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

#### 2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

TODD AND CAMILLE MOON	NEWFIELD PRODUCTION COMPANY
By: Todd Moon, private surface owner	By:
By: Camille Moon, private surface owner	
STATE OF UTAH ) )ss COUNTY OF Outherne )	
This instrument was acknowledged before Camille Moon, private surface owners.	me this _2 _ day of, 2010 by Todd and
Witness my hand and official seal.  My commission expires 11-10-10	JEFF HENDERSON  JEFF HENDERSON
STATE OF COLORADO ) )ss COUNTY OF Denver )	
This instrument was acknowledged before <b>Dan Shewmake</b> , <b>Vice President-Development</b> a Witness my hand and official seal.	me this, 2010 by Texas corporation, on behalf of the corporation.
	Notary Public
My commission expires	

# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 13-18-4-2 SW/SW (LOT #4) SECTION 18, T4S, R2W DUCHESNE COUNTY, UTAH

#### TEN POINT DRILLING PROGRAM

#### **GEOLOGIC SURFACE FORMATION:** 1.

Uinta formation of Upper Eocene Age

#### ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS: 2.

0' - 2090'Uinta Green River 2090' Wasatch 7170' Proposed TD 7470'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 2090' - 7170'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form Report of Water Encountered is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Temperature Flow Rate Hardness Hq

Water Classification (State of Utah) Dissolved Calcium (Ca) (mg/l) Dissolved Iron (Fe) (ug/l) Dissolved Sodium (Na) (mg/l) Dissolved Magnesium (Mg) (mg/l) Dissolved Carbonate (CO<sub>3</sub>) (mg/l) Dissolved Chloride (Cl) (mg/l) Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l) Dissolved Total Solids (TDS) (mg/l) Dissolved Sulfate (SO<sub>4</sub>) (mg/l)

Ten Point Well Program & Thirteen Point Well Program Page 2 of 4

#### 4. PROPOSED CASING PROGRAM

a. Casing Design: Ute Tribal 13-18-4-2

Size	li	nterval	Weight	Grade	Coupling	Design Factors			
	Тор	Bottom		Ciado	Coupling	Burst	Collapse	Tension	
Surface casing	0,	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	l d	300				17.53	14.35	33.89	
Prod casing	0,	7 4701	15.5	J-55	LTC	4,810	4,040	217,000	
5-1/2"	0	7,470'				2.02	1.70	1.87	

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Ute Tribal 13-18-4-2

Job	Fill	Description	Sacks ft <sup>3</sup>	OH Excess*	Weight	Yield (ft <sup>3</sup> /sk)	
					(17.57	(,	
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8 11.0	1:17	
Curia co cacing		0.000 0 11/1 000.	161	0070		1117	
Prod casing	5,470'	Prem Lite II w/ 10% gel + 3%	378	30%	11.0	3.26	
Lead	3,470	KCI	1232	30 %		3,20	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	30%	14.3	1.24	

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

# 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Ten Point Well Program & Thirteen Point Well Program Page 3 of 4

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to Exhibit C for a diagram of BOP equipment that will be used on this well.

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to  $\pm 350$  feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about  $\pm 350$  feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

## 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

# 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE</u>:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

'APIWellNo:43013503920000'

Ten Point Well Program & Thirteen Point Well Program Page 4 of 4

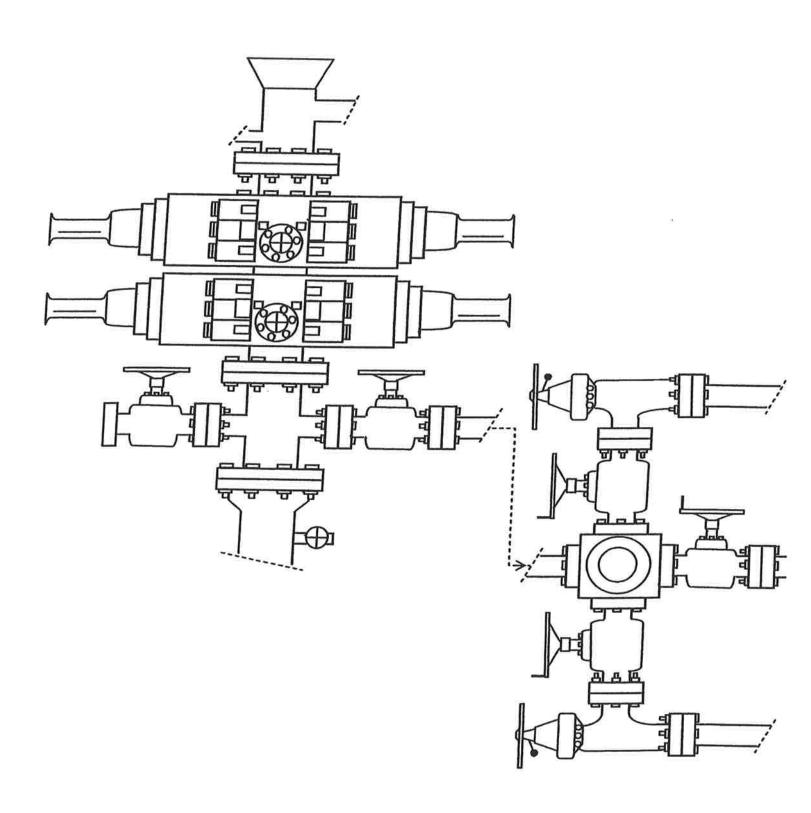
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

# 10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:</u>

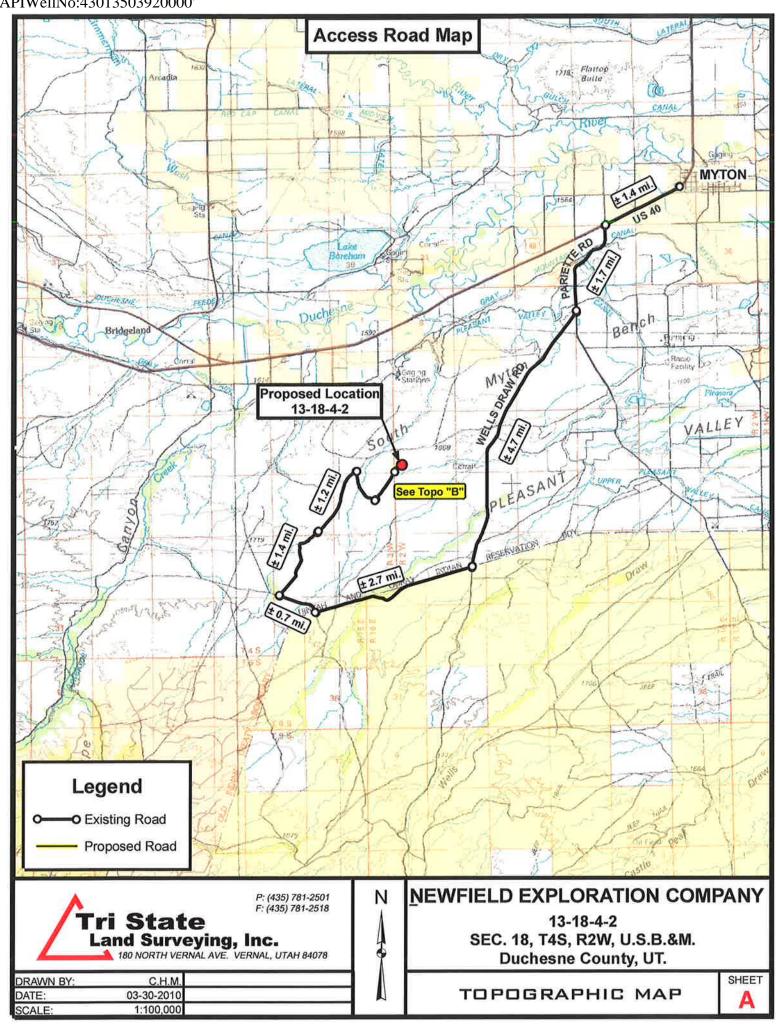
It is anticipated that the drilling operations will commence the fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.

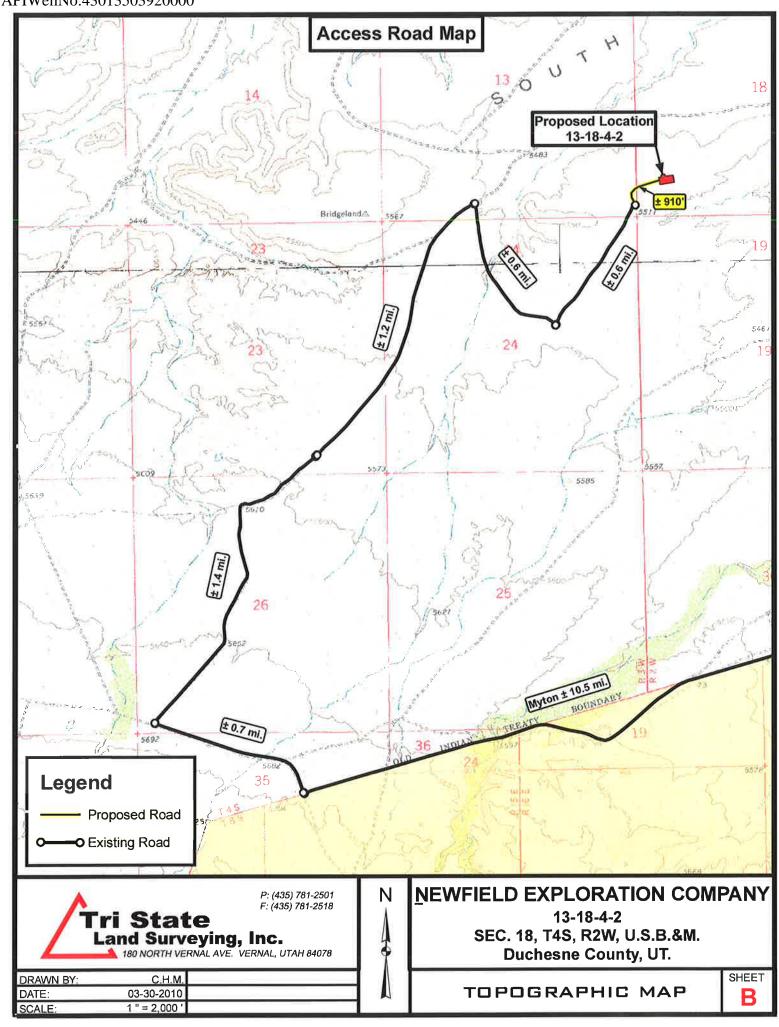
# 2-M SYSTEM

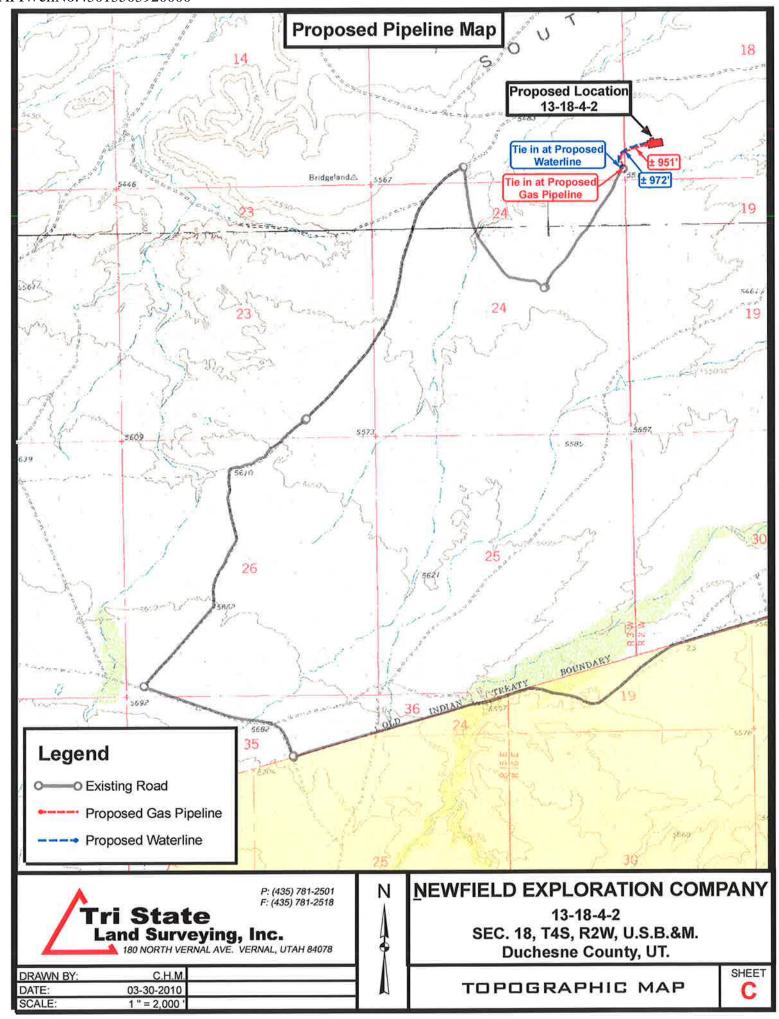
# **Blowout Prevention Equipment Systems**



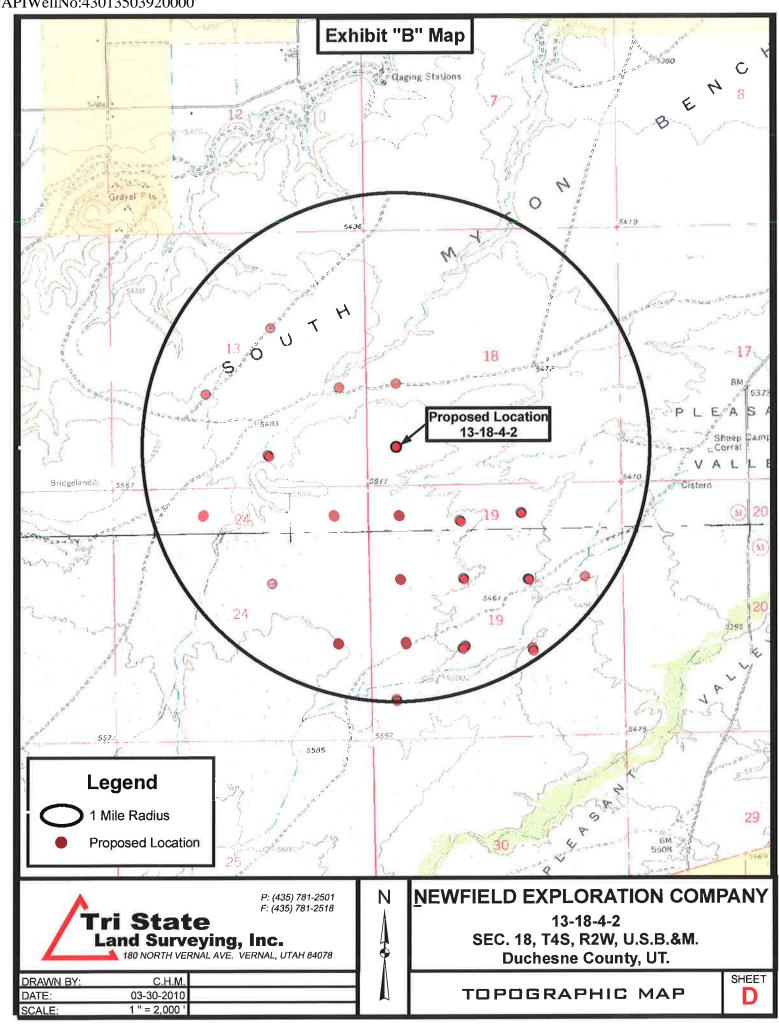
**EXHIBIT C** 







	3	2	*	•	5		3.	2		/ <b>a</b> 8	5	,	,	ż			,		2	2	' Newfield We	ills
Ē.	10		12	,	•		775.		19	ř	•		10	11	12	,		•	10	31	Location Surface Si Dilling Violing or Freducing	Completion
	TAS	5-R3W	13	10	"		S-R2W	1141	13	10	17	**	18	14	13	**	σ	u LAS	<b>9</b>	и	13 Producing Violer Inje  Dry Fiols Temporari	Gas Well clien Well by Abandoned
	n	В	24	to Marke S	20		್ರಿಯಾಗಿಗೆ ಕ		24 A. 25 A.	Sa Santa		nin da		23 - 3, -3,-	** ** ***	10	20	21	227	,	Flagged 3 Shift in Whiter Sec. Water Dis	Alrandoned irce Widt posal Well
	27	м	25	J. 10	A 19 19 19 19 19 19 19 19 19 19 19 19 19	3, 7	22 Rank-	40 50 50	4 5 1 1 2 1	to ste de 20	-4-4-4	44 94	2			30 ce	10	20	27	26	29 Unition S Unitionalization	tations
	34	1.		" 3.5 18S-R1	NIGE III	n n	" + 2 2		A CONTRACTOR	400	7		1		26 ž	No. 150 . 3	183	-R (3)			30-046	32
	, /		(Mag)	st Peed Well	22.0	20.00	1000 P	22		本是		124	27	the at			S TANK MAN . SAME	A A	44.6	The state of the s		TSS-
,	4.44	10000	26				3 4 4 4 4	10 1 3 N	42.4		A STATE OF	2700	2.2	ping a	3 A 3 3 4	4 2 4 3	60.68	8 d 8	3 3 8 3 3 3 3 3 5	1 4 4	trad Provide	
1/2			725	200	4 4 4	30 3		1		752				2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	2643	3 g 3 g 3	4 2 4 3	8 & d.	3, C, C, 2,		4	
	3. M 3	1. of C. O. C.	Co ato Called	de see state	2333	4. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.			2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,						あからます 3 まる& 4 まる # 11 11 11 11 11 11 11 11 11 11 11 11 11			1.	15 14	.J. ,3 .J.	15 G. 17	. "
1	14.		( 3 ( 3 )	A 3 4	sk sku de k kir de de p sku kule		2, 5, 3, 5, 5, 6, 5, 6, 5, 6, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	1 . 4 3 4	A . Se . L	A	A 4. 3. 4.	A 4. 4. 4.	(1 st. 2 s	24	A . 3. 3. 3	sh phale is . Is always and		res-R	22 23	35 1 24 45 Aurilia	19 20	in in
13. 35. 15. 35	, 35 A	200	TOS	S-R15I	5E T9	S-R16		25 3		30 3	3. 3.		75 18 1	(E	25	ж ж	200 200 200 200 200 200 200 200 200 200	*	27 25	. 8	20 23	20
34	The state of the s	75	36	31	22	33	34	25	34	3)	32	23	34	35	#in-	31	32	33	24 .	9 39	31 32	
35-	<del>1</del> 7390	7	,				,	,	,		,	-	,	2	,				3 1	¥: U	NEWFI	NIAINS
10	T 100	9-R108	12	*	(10)	T105	17:10:12 10	12		,		THE SERVE	10	n	,,	,	,	urs e		12	Exhibit	A
Ü		1724	100	13	-							19	16	14	- 13	tb	17	te	15	16 13	HIR THE SHAD READ SIZES CLANA GOVERNMENT SIZES CHANGE SIZES SIZES SIZES	Cons



# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 13-18-4-2 SW/SW (LOT #4) SECTION 18, T4S, R2W DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

# MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 13-18-4-2 located in the SW 1/4 SW 1/4 Section 18, T4S, R2W, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction approximately 6.4 miles to it's junction with an existing road to the southwest; proceed in a southwesterly direction approximately 2.7 miles to it's junction with an existing road to the northwest; proceed in a northwesterly direction approximately 0.7 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 2.6 miles to it's junction with an existing road to the southeast; proceed southeasterly approximately 0.6 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 0.6 miles to it's junction with the beginning of the proposed access road; proceed in a northeasterly direction along the proposed access road approximately 910' to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

## 2. PLANNED ACCESS ROAD

Approximately 910' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

# 7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

#### 10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

# b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Todd and Camille Moon (proposed location). See attached Memorandum of Surface Use Agreement and Easement ROW.

#### 12. OTHER ADDITIONAL INFORMATION

Newfield Production Company requests 910' of planned access road to be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 951' of surface gas line to be granted. Newfield Production Company requests 972' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waiver is attached.

#### **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 13-18-4-2, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 13-18-4-2, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

#### 13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

#### Representative

Name: Tim Eaton

Address: **Newfield Production Company** 

Route 3, Box 3630 Myton, UT 84052

(435) 646-3721 Telephone:

#### Certification

Please be advised that Newfield Production Company is considered to be the operator of well #13-18-4-2, SW/SW Section 18, T4S, R2W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

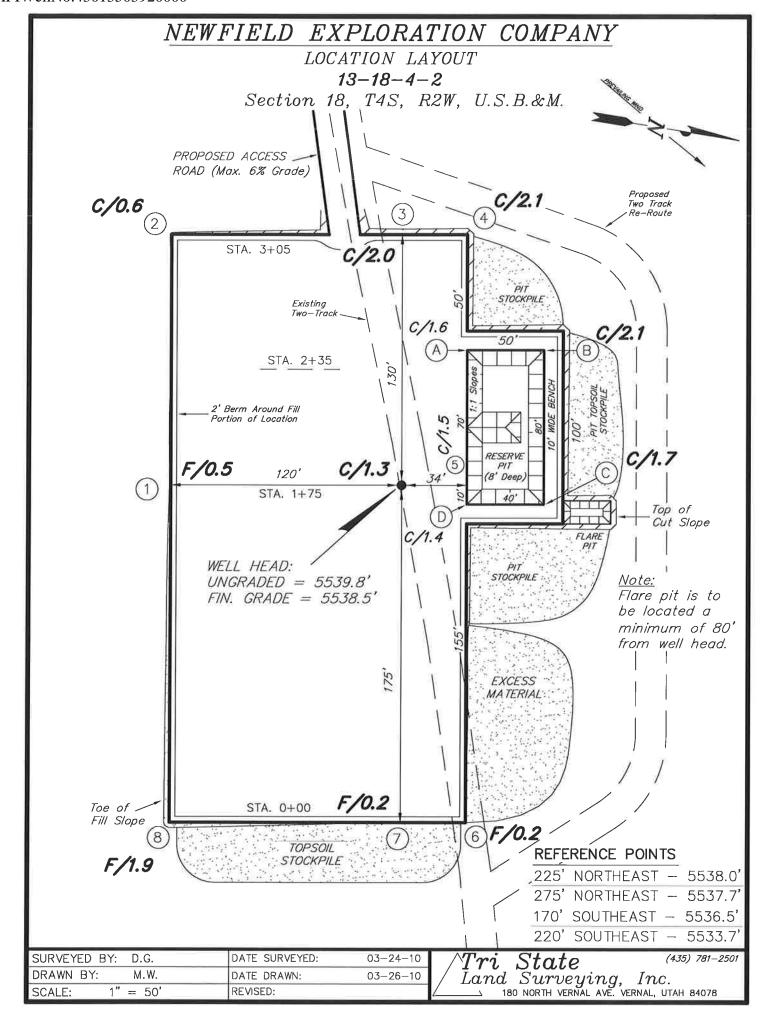
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/2/10Date

Wandi Cusy

Regulatory Specialist

Newfield Production Company



# NEWFIELD EXPLORATION COMPANY CROSS SECTIONS 13-18-4-2 Section 18, T4S, R2W, U.S.B.&M. 20, Ш STA. 3+05 1'' = 50'20, H -STA. 2+35 1'' = 50'**FINISHED** EXISTING GRADE GRADE 20, $\parallel$ WELL HEAD STA. 1+75 1'' = 50'20, П 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) ITEM CUT FILL 6" TOPSOIL **EXCESS** Topsoil is not included PAD 770 770 NOTE: UNLESS OTHERWISE in Pad Cut PIT 640 0 640 NOTED ALL CUT/FILL TOTALS 1,410 770

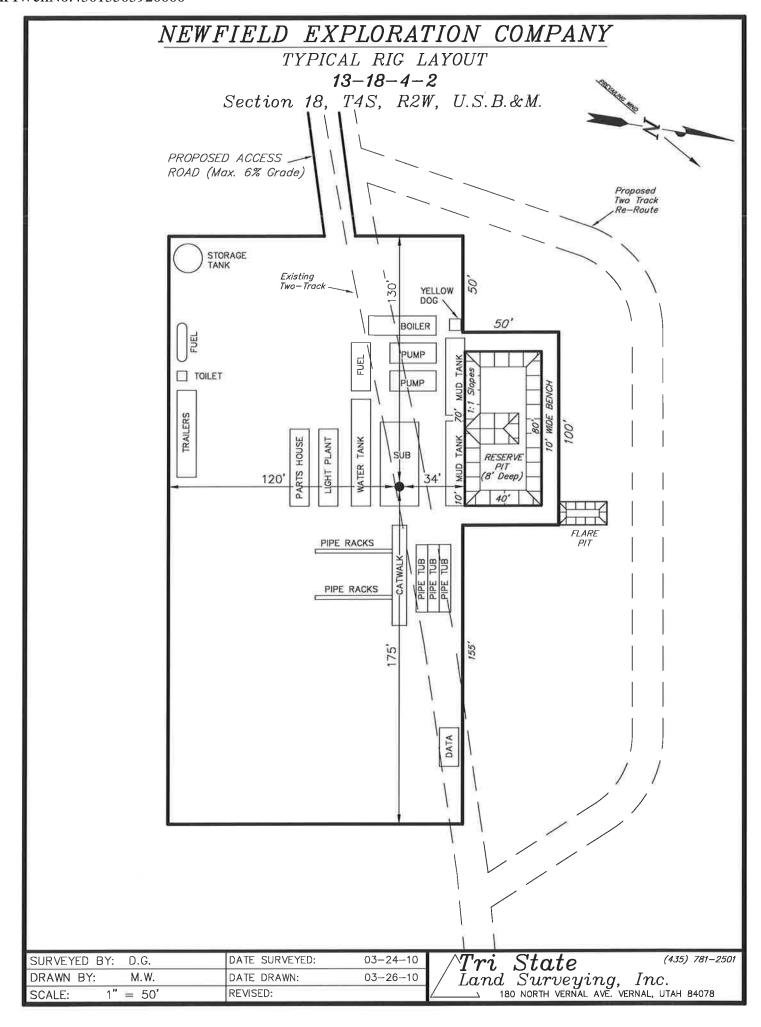
		_
SURVEYED BY: D.G.	DATE SURVEYED: 03-24-10	T
DRAWN BY: M.W.	DATE DRAWN: 03-26-10	l
SCALE: $1" = 50'$	REVISED:	1

SLOPES ARE AT 1.5:1

 $Tri~State \ Land~Surveying,~Inc. \ \_\_$  180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501

1,000

640



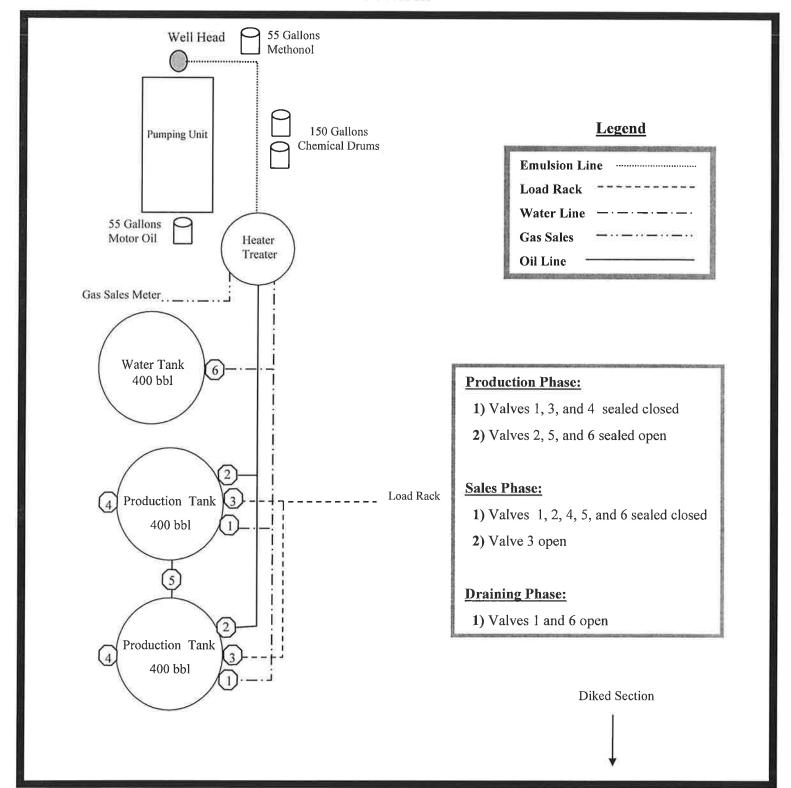
# **Newfield Production Company Proposed Site Facility Diagram**

**Ute Tribal** 13-18-4-2

SW/SW (Lot #4) Sec. 18, T4S, R2W

**Duchesne County, Utah** 

2OG0005609



#### **EXHIBIT D**

Township 4 South, Range 3 West Section 23: E½; SESW Township 4 South, Range 2 West

> Section 7: NWNE; NENW; NWNW Section 18: SWSW; SESW; SWSE; E1/2E1/2

> > **Duchesne County, Utah**

#### ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

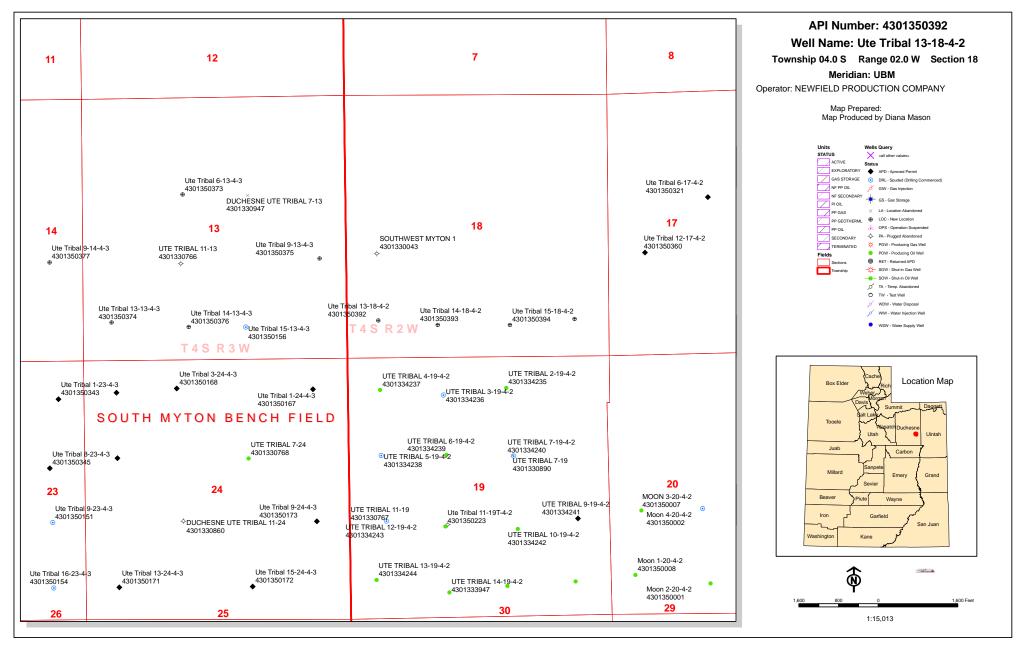
For the above referenced location, Todd and Camille Moon, the private surface owners. (Having a Surface Owner Agreement with Newfield Production Company)

Todd Moon, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 6/2/2010 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

Todd Moon Date

Private Surface Owner

Jeff Henderson Date
Newfield Production Company



# ON-SITE PREDRILL EVALUATION

# **Utah Division of Oil, Gas and Mining**

**Operator** NEWFIELD PRODUCTION COMPANY

Well Name Ute Tribal 13-18-4-2

API Number 43013503920000 APD No 2707 Field/Unit UNDESIGNATED

**Location: 1/4,1/4** SWSW **Sec** 18 **Tw** 4.0S **Rng** 2.0W 748 FSL 638 FWL

GPS Coord (UTM) 571662 4442201 Surface Owner Todd and Camille Moon

#### **Participants**

Floyd Bartlett (DOGM), Tim Eaton (Newfield Permitting) and Cheryl Laroque (BLM).

# Regional/Local Setting & Topography

The proposed location is approximately 15.0 road miles southwest of Myton, UT in the South Myton Bench/Antelope Creek area. Drainages in the area run northerly toward the Duchesne River about 2 miles away but are intercepted by the Gray Mountain or Pleasant Valley Irrigation Canals. Broad flats and rolling hills with those near the edge of the benches becoming steep and intersected with draws, characterize the area. Access is by State, County and planned or existing oil field development roads. Approximately 910 feet of new construction across Moon's private land will be required to reach the location.

The proposed Ute Tribal 13-18-4-2 oil well pad is laid out in an west to east direction on a flat topped ridge which slopes off to the south beyond Location Corner 1 into a wide swale or drainage. The ridge top has a gentle slope to the east and south. Maximum excavation is a cut of 2.1 feet to construct the pad or reserve pit. No drainages intersect the location. No springs, streams or seeps are known to exist in the immediate area. The selected site appears to be a suitable location for constructing a pad, drilling and operating a well.

Todd Moon and Camille Moon own the surface of the location. The BLM contacted Mr. Moon by telephone and invited him to the pre-site visit. He said he would not attend. A signed landowner agreement exists. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe.

# **Surface Use Plan**

**Current Surface Use** 

Grazing

Wildlfe Habitat

New Road Miles Well Pad Src Const Material Surface Formation

0.18 Width 204 Length 305 Onsite UNTA

**Ancillary Facilities** N

## Waste Management Plan Adequate?

## **Environmental Parameters**

Affected Floodplains and/or Wetlands N

#### Flora / Fauna

A desert shrub type vegetation covers the area. Principal plants consist of black sage, winter fat, shadscale, halogeton, globe mallow, cheat grass, erigeron sp. Blue gramma, Indian ricegrass, sitanion, horse brush, curly mesquite and annuals.

Cattle, goats, deer, prairie dogs, small mammals and birds.

6/29/2010 Page 1

# **Soil Type and Characteristics**

Deep gravely sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

**Drainage Diverson Required?** N

Berm Required? N

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? N Cultural Resources?

# **Reserve Pit**

Site-Specific Factors	Site Ra	nking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
<b>Distance to Other Wells (feet)</b>	300 to 1320	10	
<b>Native Soil Type</b>	Mod permeability	10	
Fluid Type	Fresh Water	5	
<b>Drill Cuttings</b>	Normal Rock	0	
<b>Annual Precipitation (inches)</b>		0	
Affected Populations			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	Final Score	30	1 Sensitivity Level

# **Characteristics / Requirements**

A reserve pit 40' x 80' x 8' deep will be located in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

# **Other Observations / Comments**

Evaluator	Date / Time
Floyd Bartlett	6/17/2010

6/29/2010 Page 2

6/29/2010

# **Application for Permit to Drill Statement of Basis**

**Utah Division of Oil, Gas and Mining** 

Page 1

APD No	API WellNo	Status	Well Type	<b>Surf Owner</b>	<b>CBM</b>
2707	43013503920000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION	COMPANY	<b>Surface Owner-APD</b>	Todd and Cam	ille Moon
Well Name	Ute Tribal 13-18-4-2		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	SWSW 18 4S 2W U	748 FSL 638 FW	L GPS Coord (UTM)	571687E 4442	2278N

#### **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill 6/28/2010 **APD Evaluator Date / Time** 

#### **Surface Statement of Basis**

The proposed location is approximately 15.0 road miles southwest of Myton, UT in the South Myton Bench/Antelope Creek area. Drainages in the area run northerly toward the Duchesne River about 2 miles away but are intercepted by the Gray Mountain or Pleasant Valley Irrigation Canals. Broad flats and rolling hills with those near the edge of the benches becoming steep and intersected with draws, characterize the area. Access is by State, County and planned or existing oil field development roads. Approximately 910 feet of new construction across Moon's private land will be required to reach the location.

The proposed Ute Tribal 13-18-4-2 oil well pad is laid out in an west to east direction on a flat topped ridge which slopes off to the south beyond Location Corner 1 into a wide swale or drainage. The ridge top has a gentle slope to the east and south. Maximum excavation is a cut of 2.1 feet to construct the pad or reserve pit. No drainages intersect the location. No springs, streams or seeps are known to exist in the immediate area. The selected site appears to be a suitable location for constructing a pad, drilling and operating a well.

Todd Moon and Camille Moon own the surface of the location. The BLM contacted Mr. Moon by telephone and invited him to the pre-site visit. He said he would not attend. A signed landowner agreement exists. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Acting for the Ute Indian Tribe, Ms. Cheryl Laroque of the BLM attended the pre-site evaluation. She specified the color of paint the facilities were to be painted and had no other surface concerns. Reclamation of the site will be as directed in the Multi-Point Operating Plan.

Floyd Bartlett 6/17/2010
Onsite Evaluator Date / Time

#### Conditions of Approval / Application for Permit to Drill

Surface

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the
	reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

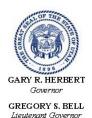
The reserve pit shall be fenced upon completion of drilling operations.

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	6/4/2010		API NO. ASSIGNED:	43013503920000		
WELL NAME:	Ute Tribal 13-18-4-2					
OPERATOR:	NEWFIELD PRODUCTION COMPANY (N2695)		PHONE NUMBER	435 646-4825		
CONTACT:	Mandie Crozier					
PROPOSED LOCATION:	SWSW 18 040S 020V	V	Permit Tech Review:			
SURFACE:	0748 FSL 0638 FWL		Engineering Review			
воттом:	0748 FSL 0638 FWL		Geology Review			
COUNTY:	DUCHESNE					
LATITUDE:			LONGITUDE			
UTM SURF EASTINGS:	571687.00		NORTHINGS:	4442278.00		
FIELD NAME:	UNDESIGNATED					
LEASE TYPE:	2 - Indian					
LEASE NUMBER:	20G0005609	PROPOSED PRODUCING	G FORMATION(S): GREEN R	IVER		
SURFACE OWNER:	4 - Fee		COALBED METHANE:	NO		
RECEIVED AND/OR REVIEW	WED:	LOCATION AN	ID SITING:			
PLAT		R649-2-3				
_		K043 2 3	,,			
<b>▶ Bond:</b> INDIAN - RLB0010	0462	Unit:				
Potash		R649-3-2	2. General			
Oil Shale 190-5						
Oil Shale 190-3		R649-3-3	3. Exception			
Oil Shale 190-13		<b>∠</b> Drilling (	Unit			
<b>✓ Water Permit:</b> 43-7478		Board C	Cause No: R649-3-2			
RDCC Review:		Effectiv	e Date:			
Fee Surface Agreemen	t	Siting:				
☐ Intent to Commingle		R649-3-1	1. Directional Drill			
Commingling Approved						
Comments: Presite Completed						

**Stipulations:** 4 - Federal Approval - dmason 5 - Statement of Basis - bhill 23 - Spacing - dmason

API Well No: 43013503920000



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*

Well Name: Ute Tribal 13-18-4-2
API Well Number: 43013503920000
Lease Number: 2OG0005609
Surface Owner: FEE (PRIVATE)

**Approval Date:** 6/29/2010

#### **Issued to:**

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during

API Well No: 43013503920000

drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

# **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

Form 3160-3 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPRO	)VEI
OMB N	√o. 1004	-0137
Expires	July 31,	2010

5. Lease Serial No. 20G0005609

If Indian, Allotee or Tribe Name

#### APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. **✓** DRILL REENTER la. Type of work: 8. Lease Name and Well No. ✓ Oil Well Gas Well lb. Type of Well: ✓ Single Zone Multiple Zone Ute Tribal 13-18-4-2 Name of Operator 9. API Well No. Newfield Production Company 43 013 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Route #3 Box 3630, Myton UT 84052 (435) 646-3721 Undesignated 11. Sec., T. R. M. or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements,\*) SW/SW (Lot #4) 748' FSL 638' FWL Sec. 18, T4S R2W At surface At proposed prod. zone 14. Distance in miles and direction from nearest town or post office\* 12. County or Parish 13. State Approximately 15.1 miles southwest of Myton, UT Duchesne UT 15. Distance from proposed\* 16. No. of acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. Approx. (Also to nearest drig. unit line, if any) Approx. 638' f/lse, NA' f/unit NΑ 40 Acres 20. BLM/BIA Bond No. on file 18. Distance from proposed location\* 19. Proposed Depth to nearest well, drilling, completed, Approx. 1302' 7,470' RLB0010462 applied for, on this lease, ft. 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* 23. Estimated duration 5540' GL ユギジ (7) days from SPUD to rig release 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO must be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the Name (Printed/Typed) Mandie Crozier Title Regulatory Specialist Approved by ignature) <sup>™</sup>James H. Sparger AUG 2 7 2010 Office Acting Assistant/Field Manager **VERNAL FIELD OFFICE** Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. **CONDITIONS OF APPROVAL ATTACHED** Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. (Continued on page 2) \*(Instructions on page 2)

Solo and H

OIOK-81-5 SON VERNAL FIELD OFFICE NOTICE OF APPROVAL RECEIMED SID WANTE NEEDS

AFMSS# 10550320A

SEP 1 5 2010



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**Newfield Production Company** 

Location:

Lot 4, Sec. 18, T4S, R2W

Well No:

**Ute Tribal 13-18-4-2** 

Lease No:

2OG0005609

API No:

43-013-50392

Agreement:

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>ut_vn_opreport@blm.gov</u> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well: Ute Tribal 13-18-4-2 9/8/2010

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

• None - Private surface Private surface use agreement submitted

Page 3 of 7 Well: Ute Tribal 13-18-4-2 9/8/2010

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

• The operator shall comply with all applicable requirements in the SOP (version: "Ute Tribe Green River Development Program", April 17, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 7 Well: Ute Tribal 13-18-4-2 9/8/2010

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 7 Well: Ute Tribal 13-18-4-2

9/8/2010

### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

Page 6 of 7 Well: Ute Tribal 13-18-4-2

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 7 of 7 Well: Ute Tribal 13-18-4-2 9/8/2010

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## Spuc BLM - Vernal Field Office - Notification Form

Opera	tor <u>Newfield</u>	Exploration		Rig
Name,	/# <u>Ross Rig</u> #	# <del>2</del> 9	Submitte	d By <u>Alvin</u>
<u>Nielse</u>	n	Phone N	lumber <u>435-82</u>	<u>3-</u>
<u>7468</u>		_		
Well N	lame/Numbe	r <u>Ute Tribal 13-</u>	18-4-	
2				
Qtr/Qt	tr <u>SW/SW</u>	Section 18	Township <u>4</u>	S Range
2W				
	Serial Number	er		
	05609			
	umber 43-013	3-		
50392	•			
Casing times.	elow a casing Pate/Time <u>111</u> g – Please rep	string.  29110 9  port time casing  Casing	>: <u>0</u> AM X	
	Other Control			
PM 🔀	Pate/Time <u>11</u> ]	/29/10	2:00	AM [
BOPE				
I		est at surface ca ntermediate ca	• .	

<ul><li>30 day BOPE test</li><li>Other</li></ul>
Date/Time AM
Remarks Ross Rig # 29 spud the Ute Tribal 13-18-4-2W @ 8:00 AM on 11/29/10 & Run 85/8" casing @ 2:00 PM on 11/29/10.

OPERATOR: NEWFIELD PRODUCTION COMPANY

ADDRESS: RT. 3 BOX 3630

MYTON, UT 84052

OPERATOR ACCT. NO.

N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	- 00	r sc	WELL I	LOCATION	I COUNTY	SPUD	EFFECTIVE
Α	99999	17886	4301350392	UTE TRIBAL 13-18-4-2	swsw	18		3 W		11/29/2010	12/14/10
	COMMENTS:	W						•	<u>.                                      </u>	as general and a second	-
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	WE SC	LL LOCAT	TION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
Α	99999	17887	4304751129	UTE TRIBAL 15-19-4-2E	SWSE	19	48	2E	UINTAH	11/24/2010	12/14/10
	GRRU		_								
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	sc	WELL I	OCATION	COUNTY	SPUD DATE	EFFECTIVE
В	99999	17400	4301350216	GREATER MON BUTTE R-34-8-16	SWSE	34	88	16E	DUCHESNE	11/29/2010	12/14/10
	GRRV			BHL= NE	SW						-
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	sc,	TP	OCATION	COUNTY	SPUD DATE	EFFECTIVE DATE
В	99999	17400	4301350215	GREATER MON BUTTE C-3-9-16	SWSE	34	85 <b>95</b>	16E	DUCHESNE	11/24/2010	12/14/10
	GRRV			BHL= Sec3	T95	3 A	IEN	lW			
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	sc	WELL L	OCATION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
Α	99999	17888	4301350405	8- タ/-4-3W UTE TRIBAL 8-24-4-3W	SENE	21 24	48	3W	DUCHESNE	12/3/2010	12/14/10
	GRRV										
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	sc	WELL L	OCATION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
				·		- 50	.,		000111	DATE	DATE
ACTION C	ODES (See instructions on bac	ck of form)								·	<del></del>

A - 1 new entity for new well (single well only)

B - well to existing entity (group or unit well)

C - rom one existing entity to another existing entity

D - well from one existing entity to a new entity

E - ther (explain in comments section)

**RECEIVED** 

Signature

Jentri Park

DEC 0 6 2010

**Production Clerk** 

12/03/10

FORM 3160 (August 200

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

**	DEPARTMENT OF THE		Expires: July 31,2010
The Part of the Pa	BUREAU OF LAND MAN Y NOTICES AND REP		5. Lease Serial No.
	MON BUTTE EDA 20G0005609		
	this form for proposals /ell. Use Form 3160-3 (A	APD) for such proposals.	6. If Indian, Allottee or Tribe Name.
SUBMIT IN	N TRIPLICATE - Other	Instructions on page 2	7. If Unit or CA/Agreement, Name and/or
Type of Well  Cil Well  Gas Well	Other		8. Well Name and No.
2. Name of Operator	onor		UTE TRIBAL 13-18-4-2
NEWFIELD PRODUCTION CO	OMPANY		9. API Well No.
3a. Address Route 3 Box 3630		3b. Phone (include are code)	4301350392
Myton, UT 84052		435.646.3721	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage,	Sec., T., R., M., or Survey Desc	ription)	MYTON-TRIBAL EDA
Prise s Prise s Prise s			11. County or Parish, State
SWSW Section 18 T4S R2W			DUCHESNE, UT
12. CHECK	APPROPRIATE BOX(	ES) TO INIDICATE NATURE OF	NOTICE, OR OTHER DATA
A TYPE OF SUBMISSION		TYPE OF ACTIO	N
Notice of Intent	Acidize Alter Casing	☐ Deepen ☐ Product ☐ Fracture Treat ☐ Reclam	ction (Start/Resume)
Subsequent Report	Casing Repair	New Construction Recom	- '' '' '' '' ''
	Change Plans		orarily Abandon Spud Notice
Final Abandonment	Convert to Injector		Disposal
			' Jt's 8 5/8" J-55 24# csgn. Set @ 313.95. @ 15.8 ppg> 1.17 cf/sk yeild. Returned 3
			RECEIVED
			DEC 07 2010
			701 07 01 040 0 10 10 10 10 10 10 10 10 10 10 10 10
<u>.</u>			DIV. OF OIL, GAS & MINII
hereby certify that the foregoing is	s true and	Title	
correct (Printed/ Typed) Xabier Lasa	_	Drilling Foreman	
Signature Dev	N	Date 12/01/2010	
/W · · ·	THIS SPACE F	OR FEDERAL OR STATE OFFI	CE USE
Approved by		Tiela	Data

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

•			8 5/8"	CASING SET AT	r	313.95	-		
LAST CASING		SET AT	. 5	i	OPERATO	ıR	Newfield	Exploration (	Company
DATUM	13	•					BAL 13-18-		oompany .
DATUM TO CUT				-			Monumer		<del></del>
DATUM TO BRAI				<b></b>		-	··	Ross # 29	
TD DRILLER				•					<del></del>
HOLE SIZE _									
LOG OF CASING	STRING:		•						
PIECES	OD	ITEM - M	IAKE - DES	CRIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
1		Wellhead						Α	0.95
7	8 5/8"	Casing (sl	hoe jt.43.85'	<u>')</u>	24	J-55	STC	Α	301.1
1		Guide shoe	е					Α	0.9
* * *									
		<u> </u>	·						ı
<u> </u>		L	т				L		
CASING INVENT			FEET		TOTAL LEN				302.95
TOTAL LENGTH		3	302.95		LESS CUT				2
LESS NON CSG.			1.85		4		UT OFF CS	,G	13
PLUS FULL JTS.			0		CASING SE	ET DEPTH		I	313.95
•	······		301.1	7	17				ļ
TOTAL CSG. DEL		RDS)	301.1	7	} COMPA	.RE			
	IMING								
BEGIN RUN CSG	J.	Spud	8:00 AM		GOOD CIR				
CSG. IN HOLE			1:30 PM		Bbls CMT C		-		
BEGIN CIRC			3:13 PM		RECIPROC	ATED PIP	No_		
BEGIN PUMP CM			3:27 PM		ĺ				
BEGIN DSPL. CM	<u>п</u>		3:37 PM	11/30/2010	BUMPED P	LUG TO _	330		

3:37 PM 3:42 PM

11/30/2010

PLUG DOWN

CEMENT USED		CEMENT COM	BJ Services							
STAGE	# SX	CEMENT TYPE & ADDITIVES								
1	160	Class G+2%Kcl+.25#CF mixed @ 15.8ppg and	d 1.17 yield							
•										
CENTRALIZER 8	SCRATCI	HER PLACEMENT		SHOW MAKE & SPACING						
Middle of first,	top of sec	ond and third for a total of 3.								
COMPANY REP	RESENTAT	IVE Xabier Lasa		DATE 11/30/2010						

#### STATE OF UTAH

	DEPARTMENT OF NATURAL R DIVISION OF OIL, GAS AN	-	5. LEASE DESIGNATION AND SERIAL NUMBER:
	MON BUTTE EDA 20G0005609		
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to do wells, or to drill horizon	plugged 7. UNIT or CA AGREEMENT NAME:		
TYPE OF WELL: OIL WELL	8. WELL NAME and NUMBER:		
NAME OF OPERATOR:	UTE TRIBAL 13-18-4-2 9. API NUMBER:		
NEWFIELD PRODUCTION COM	4301350392		
ADDRESS OF OPERATOR:			
Route 3 Box 3630	CITY Myton STATE UT	PHONE NUMBER ZIP 84052 435.646.3721	MYTON-TRIBAL EDA
OCATION OF WELL:			
FOOTAGES AT SURFACE:			COUNTY: DUCHESNE
OTR/OTR, SECTION, TOWNSHIP, RANGE	. MERIDIAN: SWSW, 18, T4S, R2W		STATE: UT
CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTI	ON
1 NOTICE OF STREET	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
Approximate date work will	1=	=	
	CHANGE TO PREVIOUS PLANS  CHANGE TUBING	OPERATOR CHANGE	TUBING REPAIR
	VENT OR FLAIR		
-	<u>                                     </u>	PLUG AND ABANDON	
	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	[=	=	
- 20202002111121011	CHANGE WELL NAME	PLUG BACK  PRODUCTION (START/STOP)	WATER DISPOSAL WATER SHUT-OFF
(Submit Original Form Only)  Date of Work Completion:  01/07/2011	CHANGE WELL NAME CHANGE WELL STATUS	PLUG BACK PRODUCTION (START/STOP) RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FOI	WATER DISPOSAL  WATER SHUT-OFF  OTHER: - Weekly Status Report
(Submit Original Form Only)  Date of Work Completion:  01/07/2011  DESCRIBE PROPOSED OR CO	CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	PLUG BACK PRODUCTION (START/STOP) RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FOI	WATER DISPOSAL  WATER SHUT-OFF  OTHER: - Weekly Status Report  RMATION  4, depths, volumes, etc.

(This space for State use only)

άy

JAN 1 2 2011

RECEIVED

## **Daily Activity Report**

## Format For Sundry UTE TRIBAL 13-18-4-2 11/1/2010 To 3/28/2011

12/15/2010 Day: 1

Completion

Rigless on 12/15/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 7393' cement top @ 40'. Perforate CP4/CP3/CP2/CP1 sds as shown in perforation report. 176 BWTR. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$13,071

12/20/2010 Day: 2

Completion

Rigless on 12/20/2010 - Perforate, frac & flowback well - Perforate & frac well as detailed. 1603 BWTR. Open for immediate flowback @ approx 3 BPM. Well flowed for 6 1/2 hours & started to turn to oil. Recovered approx 792 bbls. 811 BWTR

**Daily Cost: \$0** 

**Cumulative Cost:** \$83,687

12/27/2010 Day: 3

Completion

NC #2 on 12/27/2010 - MIRUSU, P/U Tbg - 1:00 PM MIRUSU, R/D Cameron BOPS, R/U Weatherford BOPS, Rig Maintenance, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl.

Daily Cost: \$0

**Cumulative Cost:** \$92,610

12/28/2010 Day: 4

Completion

NC #2 on 12/28/2010 - Start To Drill Out Plgs - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- Bit & Bit Sub, 172- Jts Tbg To Plg # 1 @ 5390', POOH W/- 3- Jts Tbg, R/U Rig Pmp, SWI, CSDFN @ 5:30 PM, 5:30 To 6:00 PM C/Trvl.

Daily Cost: \$0

**Cumulative Cost:** \$141,286

12/29/2010 Day: 5

Completion

NC #2 on 12/29/2010 - Finish Drilling Out Plgs, Swab Well - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 3 Jts Tbg, R/U RBS Pwr Swvl, Drill Out Plg, 29 Min Drill Time, Swvl In The Hole To Plg # 2 @ 5562', Drill Out Plg, 32 Min Drill Time, Swvl In The Hole To Plg # 3 @ 5678', Drill Out Plg, 30 Min Drill Time, Swvl In The Hole To Plg # 4 @ 6333', Drill Out Plg, 27 Min Drill Time, Swvl In The Hole To PBTD @ 7425', PBTD Had 87' Of Fill, Circ Well Clean For Approx. 1 Hr, R/D RBS Pwr Swvl, POOH W/- 5 Jts Tbg, R/U Sandline, Swab Well, Made 6 Swab Runs, Swab Back Approx. 70 Bbls Fluid, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl.

Daily Cost: \$0

**Cumulative Cost:** \$149,566

12/30/2010 Day: 6

Completion

NC #2 on 12/30/2010 - Round Trip Tbg - 5:30 To 6:00 AM C/Trvl, Rig Maintenance, CSDFN @ 1:00 PM, 1:00 To 1:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$153,336

#### 1/4/2011 Day: 7

Completion

NC #2 on 1/4/2011 - Finish Swabbing Well, Round Trip Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Swab Well, Swab Back Approx. 70 Bbls Wtr, R/D Sandline, TIH W/- 5 Jts Tbg To PBTD, PBTD Had Approx. 70' Of Fill, Circ Well Clean For Approx. 1 Hr, L/D 18- Jts Tbg, POOH W/- 30 Jts Tbg, SWI, CSDN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl.

Daily Cost: \$0

**Cumulative Cost:** \$160,890

#### 1/5/2011 Day: 8

Completion

NC #2 on 1/5/2011 - Round Trip Tbg, Start To TIH W/- Rods - 5:30 To 6:00 AM C/Trvl, 6:00 AM Thaw Out Well, Well Was Flowing Out Both Sides, R/U Rig Pmp, Circ Well, POOH W/- 191 Jts Tbg, Bit Sub & Bit, P/U & TIH W/- NC, 2- Jts Tbg, SN, 1- Jt Tbg, TA, 218- Jts Tbg, Set TA In 18000 Lbs Tension, R/D Weatherford BOPS, R/U Wellhead, X - Over For Rods, P/U & Stroke Test W/- Central Hydraulics 2  $1/2 \times 1 1/2 \times 21 \times 24$ ' RHAC Rod Pmp, TIH W/- Pmp, 6- 1 1/2'' x 25' Wt Bars, 40- 3/4'' Guided Rods, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl.

**Daily Cost:** \$0

Cumulative Cost: \$165,585

#### 1/6/2011 Day: 9

Completion

NC #2 on 1/6/2011 - P/U Rod String - 5:30 To 6:00 AM C/TrvI, 6:00 AM Thaw Out Well, Well Was Flowing Out Of The Csg & Tbg, R/U Rig Pmp, Circ Well, P/U & TIH W/- 129- 3/4" Guided Rods, 100- 7/8" Guided Rods, 90- 7/8" Pony Subs, Do Some Rig Maintenance, SWI, CSDFN @ 3:00 PM, 3:00 To 3:30 PM C/TrvI.

**Daily Cost:** \$0

Cumulative Cost: \$172,294

#### 1/7/2011 Day: 10

Completion

NC #2 on 1/7/2011 - PWOP - 5:30 To 6:00 AM C/Trvl, 6:00 AM Thaw Out Well, Rig Maintenance, OWU, P/U 7- 7/8" Guided Rods, 1- 4', 1- 2' x 7/8" Pony Subs, 1 1/2" x 26' Polished Rod, R/U Pmp Unit, Tbg Standing Full, Pressure Test Tbg To 800 Psi, Good Test, Could Not PWOP Due To Flowline Being Frozen. FINAL REPORT **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$199,283

Pertinent Files: Go to File List

Form 3160-4 (August 2007)

(See instructions and spaces for additional data on page 2)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

			1-	OIL	110 01	DI II VD IVII I	I II I C	,	1.							Empiros, va	., 51, 2010	
	V.	/ELL	COMPL	ETIC	N OR F	RECOMPLE	TIO	N REP	PORT	AND L	og					rial No.		-
																0005609		
la. Type of	Well	Ŋ	Oil Well		as Well	Dry	Oth	er	☐ p:m	· D				6. If I	ndian,	, Allottee or T	Γribe Name	
b. Type of Completion: New Well  Work Over Deepen Plug Back Diff. Resvr., Other:												-	7. Unit or CA Agreement Name and No.					
2. Name of Operator NEWFIELD EXPLORATION COMPANY														me and Well AL 13-18-4				
3. Address	4.5	1.77								No. (inclu	de area	code)		9. AF	[ Well	l No.		
			TE 1000 DE			lanca anida Endan			35)646-	3721				43-01		392 nd Pool or Ex	nloratoni	
4. Location	or well (k	eport i	ocation cied	arıy and	a in accora	ance with Feder	и гец	uiremeni	(3)							RIBAL EDA		
At surfac	e 748' FS	L & 6	38' FEL (S	sw/sv	V) SEC. 1	8, T4S, R2W							ŀ	11. Se	c., T.,	, R., M., on E	Block and	
			•		,	. ,								Su	rvey (	or Area SEC.	18, T4S, R2W	
At top pro	d interval	reporte	d below										-			or Parish	13. State	
	,													DUCI	4ESN	NF.	UT	
	epth 7470	<u>'                                     </u>	116	Doto T	D. Reached	.1		16 D	oto Comr	oleted 01	107/201	1 1				ons (DF, RK)		
<ol> <li>Date Sp 11/29/201</li> </ol>				08/20					D & A		eady to P			5540'	GL	5552' KB	D, KI, GL)	
18. Total D		747	70'		19. Plu			7427'	-	2	0. Dept	h Brid	ge Plug Set		1D			
21. Type E	TV		hanical I on	e Run	(Submit con		TVD				2. Was	well c	ored?	√ No	VD.	Yes (Submit	t analysis)	
						UTRON,GR,	CALI	PER. C	мт воі	ND		DST r		<b>Z</b> No		Yes (Submit	t report)	
23. Casing	-	-									Dire	ctional	Survey? [	<b>7</b> No	_□	Yes (Submit	t copy)	
Hole Size	Size/Gr		Wt. (#/ft.)	1	p (MD)	Bottom (MD	<u>,                                    </u>	Stage Cer			f Sks. &		Slurry Vol	.	Cem	ent Top*	Amount	Pulled
	1			<del> </del>	ър (мд)	· · · · · · · · · · · · · · · · · · ·	<del>'</del>  -	Dep	th		f Cemen	t	(BBL)			- I on	- Tunount	
12-1/4"	8-5/8" J		24#	0		314'	$\dashv$				CLASS G PRIMLITE			40'				
7-7/8"	5-1/2" J		15.5#	0		7469'				495 50/			- 14	.0		<del></del>		
				├			-			493 301	30 1-02	-						
		2.2		├──		<u> </u>								$\dashv$				
<u> </u>	+ (	107 1		<del>                                     </del>										_				
24. Tubing	P - 2 - 1		٠,	L		<u> </u>												
Size	Depth :	Set (M		er Deptl	n (MD)	Size	I	Depth Set	(MD)	Packer D	epth (MI	2)	Size		Dept	th Set (MD)	Packer De	pth (MD)
2-7/8" 25. Produci	EOT@		"  TA @	6818'			26	Darf	oration F	Pacord							L	
23. Produci	Formatio			T	ор	Bottom	20.		orated Int			Siz	e l	No. Ho	les		Perf. Status	
A) Green	River		5	461'		6866'	54	461-686	66'		.3	6"	93	93				
B),																		
C)																		
D)																		
27 Acid, F	racture, Tre Depth Inter		Cement Sc	ueeze,	etc.				Δ	mount an	nd Type (	of Mai	erial					
5462-6866		vai	F,	ac w/	129291#	s 20/40 sand	in 98	0 bbls o										
110.					<u> </u>					<u> </u>				-		:	· · · · · · · · · · · · · · · · · · ·	
	11.11								•									
12	. A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1																	
28. Product					0.1	la .			Oil Grav	:4.	Caa		Droductic	on Mot	had			
Date First Produced	Test Date	Hours Tested	Test Produ		Oil BBL	1 1	Water BBL		Corr. AP		Gas Gravit	y	Production 2-1/2"			21' x 24' RH	IAC Pump	
1.4	01/17/11	l ·		<b>•</b>	13	24	138										•	
<del></del>	Tbg. Press.	<del></del>	24 Hr.		Oil		Water		Gas/Oil		Well S	tatus						
Size	Flwg. SI	Press.			BBL		BBL		Ratio		PRO	DUC	NG					
2-77	e 80 mg	3													_			
28a. Produc		/al B Hours	Test		Oil	Gas	Water	1	Oil Grav	itv	Gas		Production	on Met	hod			
Date First Rroduced	1 cst Date	Tested	,		BBL	1	BBL		Corr. AP		Gravit	y						
				<b>▶</b>														
Çhoke	Tbg. Press.	Csg.	24 Hr.		Oil		Water	1	Gas/Oil		Well S	tatus	<u> </u>					
4.		Press.	Rate		BBL	MCF	BBL		Ratio									

JAN 2 4 2011

RECEIVED

· · · · ·	10.574	j.					<del></del>	<u> </u>		
28b. Prod	uction - Inte		tract	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Date First Produced	Test Date	Hours Tested	Test Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<u></u>	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
28c Prod	uction - Inte	rval D	<u> </u>							
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
20 Dieno	sition of Gar	s (Solid v	sed for fuel, ve	nted, etc.	<del></del>					
			ougur juon,		,					
	SED FOR FU		(Include Aqu	ifers):				31. Format	ion (Log) Markers	
	all importan	t zones of	norosity and c	ontents th	nereof: Cored ool open, flow	intervals and a ing and shut-in	Il drill-stem tests, pressures and	GEOLOG	ICAL MARKERS	
		T	Bottom		Des	scriptions, Cont	ents, etc.		Name	Тор
For	mation	Тор	Bottom		DCs	criptions, con-				Meas. Depth
GREEN RI	VER	5461'	6866'					GARDEN GI GARDEN GI		4633' 4870'
								GARDEN GI POINT 3	JLCH 2	5002' 5309'
•, • •								X MRKR Y MRKR		5557' 5583'
tion file								DOUGALS O	CREEK MRK ATE MRK	5704' 5988'
		ļ						B LIMESTO CASTLE PE		6141' 6640'
er.	untit e ko uktorio t							BASAL CAR WASATCH	BONATE	7035' 7175'
e e e e e e e e e e e e e e e e e e e	3.0									
32. Addi	tional remar	ks (includ	e plugging pro	cedure):						
100 (100 (100 (100 (100 (100 (100 (100										
33. Indic	ate which it	ems have	been attached	by placin	g a check in th	ne appropriate b	ooxes:			
			s (1 full set rec			Geologic Rep		Report :: Drilling Daily	Directional Survey	
			g and cement v		_					nc)*
34. I her	eby certify t	hat the for	egoing and at	tached inf	ormation is co	omplete and cor	A .1	rom all available	records (see attached instructio	113)
	Name <i>(pleas</i> Signature	e print) <u>L</u> R.	ucy Chavez	-Naupot	· ps	7	Title Adminis	strative Assista )11	irit.	
Tide 10 I	LC C Sacti	on 1001 at	nd Title 43 U.	S.C. Secti	on 1212, mak	e it a crime for	any person knowing	ly and willfully t	o make to any department or ag	ency of the United States any
false, fict	itious or fra	udulent st	atements or re	presentati	ons as to any	matter within it	s jurisdiction.			(Farm 2160 4 page 2

(Continued on page 3)

(Form 3160-4, page 2)

## **Daily Activity Report**

# Format For Sundry UTE TRIBAL 13-18-4-2 9/1/2010 To 1/30/2011

#### **UTE TRIBAL 13-18-4-2**

**Waiting on Cement** 

**Date:** 11/28/2010

Ross #29 at 314. Days Since Spud - On 11-29-10 Ross # 29 spud and drill 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" 24# casing - set @ 313.95', On 11-30-10 cement w/ BJ w/ 160sks of Class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield, returned 3 bbls to pit,

bump plug to 330 psi, BLM and State were notified of spud via email

Daily Cost: \$0

**Cumulative Cost:** \$61,514

#### **UTE TRIBAL 13-18-4-2**

Rigging down

**Date:** 12/3/2010

Capstar #328 at 314. 0 Days Since Spud - Rig down & get ready to move to the Ute Tribe 13-

18-4-2W on 12/3/10 **Daily Cost:** \$0

**Cumulative Cost:** \$61,864

#### **UTE TRIBAL 13-18-4-2**

### Drill 7 7/8" hole with fresh water

**Date:** 12/4/2010

Capstar #328 at 2113. 1 Days Since Spud - they tested & test blind rams & Outside choke valves they did not test work rams they tested - to 2000#s for 10 min & Tested casing to 1500#s for 30 min - Hook up flair lines & work on Ruffneck - PU MI 616 bit, Hunting MM, NMDC, Gap sub, Index Sub, 24 4.5" HWDP & TIH & Tag @ 240' - Drill f/ 240' to 2113' WOB= 15K & GPM= 409 RPMS= 184 Rop= 170' per hr - did not test work valves & it tested - test pipe rams inside choke valves did not test work valves & - Accept rig @ 1:00 PM on 12/3/10 & Held saftey mtg w/ B&C Quick Test & test Upper Kelly & Foor valve - Nipple up Bops - Move rig w/ Howcroft Trucking 5 miles to the Ute Tribe 13-18-4-2W on 12/3/10 - Rig up

Daily Cost: \$0

**Cumulative Cost:** \$106,991

#### **UTE TRIBAL 13-18-4-2**

Drill 7 7/8" hole with fresh water

**Date:** 12/5/2010

Capstar #328 at 5418. 2 Days Since Spud - Rig serv - Drill f/3925' to 5418' WOB= 22K & GPM= 409 RPMS= 184 Rop= 114' per hr - Drill f/2113' to 3925' WOB= 22K & GPM= 409

RPMS = 184 Rop = 172' per hr

Daily Cost: \$0

**Cumulative Cost:** \$127,176

#### **UTE TRIBAL 13-18-4-2**

**Circulate & Condition Hole** 

**Date:** 12/6/2010

Capstar #328 at 7470. 3 Days Since Spud - Drill f/ 5418' to 6369' WOB= 22K & GPM= 409 RPMS= 184 Rop= 90' per hr - Rig serv - Work on directional tools - Drill f/ 7184' to 7470' WOB= 22K & GPM= 409 RPMS= 184 Rop= 81' per hr - Circ f/ Laydown - Drill f/ 6369' to 7184' WOB= 22K & GPM= 409 RPMS= 184 Rop= 108' per hr

Daily Cost: \$0

**Cumulative Cost:** \$161,525

**UTE TRIBAL 13-18-4-2** 

Cleaning mud pits

**Date:** 12/7/2010

Capstar #328 at 7470. 4 Days Since Spud - Pump slug & LDDP & BHA - Circ for laydown - & Compensated Neutron & Gamma ray Loggers TD 7480' - Test 5.5" casing rams - RU & run 175 jts of 5.5" J55 15.5# LT&C shoe @ 7468.75' Float coller @ 7427.12' Trans - 3 jts of casing to the Ute Tribal 1-28-4-3W - Circ for cement job - Held saftey mtg & RU BJ & Test lines & pump 400 sks of lead cement Mixed @11ppg 3.53 yeild PLII - +3%

KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF & 495 sks tail cmt mixed @ 50:50:2+3%KCL -+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L Disp 176 bbls 70 bbls cmt to pit - Nipple down & set 5.5" casing slips w/ 100,000#s - Clean mud pits - Held saftey mtg w/ Phoenix Survey Inc RU & log with Duel guard Log & Gamma Ray & Compensated Density

Daily Cost: \$0

Cumulative Cost: \$357,314

**UTE TRIBAL 13-18-4-2** 

Rigging down

**Date:** 12/8/2010

Capstar #328 at 7470. 5 Days Since Spud - Release rig @ 8:00 AM - Cleaning mud pits

**Finalized** Daily Cost: \$0

Cumulative Cost: \$358,744

Pertinent Files: Go to File List